



(2017). Erratum to: Methods for evaluating medical tests and biomarkers. *Diagnostic and Prognostic Research*, 1, 11.
<https://doi.org/10.1186/s41512-017-0011-4>

Publisher's PDF, also known as Version of record

Link to published version (if available):
[10.1186/s41512-017-0011-4](https://doi.org/10.1186/s41512-017-0011-4)

[Link to publication record in Explore Bristol Research](#)
PDF-document

University of Bristol - Explore Bristol Research

General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available:
<http://www.bristol.ac.uk/red/research-policy/pure/user-guides/ebr-terms/>

ERRATUM

Open Access



Erratum to: Methods for evaluating medical tests and biomarkers

Gowri Gopalakrishna¹, Miranda Langendam¹, Rob Scholten², Patrick Bossuyt¹, Mariska Leeflang^{1*}, Anna Noel-Storr^{3*}, James Thomas⁴, Iain Marshall⁵, Byron Wallace⁶, Penny Whiting^{7*}, Clare Davenport⁸, Mariska Leeflang⁹, Gowri GopalaKrishna⁹, Isabel de Salis¹⁰, Sue Mallett^{11*}, Robert Wolff¹², Penny Whiting¹³, Richard Riley¹⁴, Marie Westwood¹², Jos Kleinen¹², Gary Collins¹⁵, Hans Reitsma^{16,17}, Karel Moons¹⁶, Antonia Zapf^{18*}, Annika Hoyer¹⁹, Katharina Kramer¹⁸, Oliver Kuss¹⁹, J. Ensor^{20*}, J. J. Deeks²¹, E. C. Martin²², R. D. Riley²⁰, Gerta Rücker^{23*}, Susanne Steinhauser²⁴, Martin Schumacher²³, Richard Riley^{25*}, Joie Ensor²⁵, Kym Snell²⁶, Brian Willis²⁷, Thomas Debray²⁸, Karel Moons²⁹, Jon Deeks²⁷, Gary Collins³⁰, Lavinia Ferrante di Ruffano^{31*}, Brian Willis³¹, Clare Davenport³¹, Sue Mallett³¹, Sian Taylor-Phillips³², Chris Hyde³³, Jon Deeks³¹, Sue Mallett^{34*}, Stuart A. Taylor³⁵, Gauraang Batnagar³⁵, STREAMLINE COLON Investigators, STREAMLINE LUNG Investigators, METRIC Investigators, Sian Taylor-Phillips^{36*}, Lavinia Ferrante Di Ruffano³⁷, Farah Seedat³⁸, Aileen Clarke³⁸, Jon Deeks³⁷, Sarah Byron³⁹, Frances Nixon³⁹, Rebecca Albrow³⁹, Thomas Walker³⁹, Carla Deakin³⁹, Chris Hyde^{40*}, Zhivko Zhelev⁴⁰, Harriet Hunt⁴⁰, Lavinia Ferrante di Ruffano⁴¹, Yaling Yang^{42*}, Lucy Abel⁴², James Buchanan⁴², Thomas Fanshawe⁴², Bethany Shinkins⁴³, Laure Wynants^{44,45*}, Jan Verbakel⁴⁶, Sabine Van Huffel^{44,45}, Dirk Timmerman⁴⁷, Ben Van Calster^{47,48}, Mariska Leeflang^{49*}, Aeliko Zwinderman⁴⁹, Patrick Bossuyt⁴⁹, Jason Oke^{50*}, Jack O'Sullivan⁵⁰, Rafael Perera⁵⁰, Brian Nicholson⁵⁰, Hannah L. Bromley⁵¹, Tracy E. Roberts^{51*}, Adele Francis⁵², Denniis Petrie⁵³, G. Bruce Mann⁵⁴, Kinga Malottki^{55*}, Holly Smith⁵⁵, Jon Deeks⁵⁶, Lucinda Billingham⁵⁵, Alice Sitch^{57*}, Sue Mallett⁵⁷, Jon Deeks⁵⁷, Oke Gerke^{58*}, Mie Holm-Vilstrup⁵⁸, Eivind Antonsen Segtnan⁵⁸, Ulrich Halekoh⁵⁹, Poul Flemming Høilund-Carsen⁶⁰, Bernard G. Francq^{61*}, Jon Deeks^{62*}, Alice Sitch⁶², Jac Dinnes⁶², Julie Parkes⁶³, Walter Gregory⁶⁴, Jenny Hewison⁶⁴, Doug Altman⁶⁵, William Rosenberg⁶⁶, Peter Selby⁶⁴, Julien Asselineau^{67*}, Paul Perez⁶⁷, Aïssatou Paye⁶⁷, Emilie Bessede⁶⁸, Cécile Proust-Lima⁶⁹, Christiana Naaktgeboren^{70*}, Joris de Groot⁷⁰, Anne Rutjes^{71,72}, Patrick Bossuyt⁷³, Johannes Reitsma⁷⁰, Karel Moons⁷⁰, Gary Collins^{74*}, Emmanuel Ogundimu⁷⁴, Jonathan Cook⁷⁴, Yannick Le Manach⁷⁵, Doug Altman⁷⁴, Laure Wynants^{76,77*}, Yvonne Vergouwe⁷⁸, Sabine Van Huffel^{76,77}, Dirk Timmerman⁷⁹, Ben Van Calster^{79,80}, Romin Pajouheshnia^{81*}, Rolf Groenwold⁸¹, Karen Moons⁸¹, Johannes Reitsma^{81,82}, Linda Peelen⁸¹, Ben Van Calster^{83,84*}, Daan Nieboer⁸⁴, Yvonne Vergouwe⁸⁴, Bavo De Cock⁸³, Micael J. Pencina⁸⁵, Ewout W. Steyerberg⁸⁴, Jennifer Cooper^{86*}, Sian Taylor-Phillips⁸⁶, Nick Parsons⁸⁶, Chris Stinton⁸⁶, Steve Smith⁸⁷, Andy Dickens^{88*}, Rachel Jordan⁸⁸, Alexandra Enocson⁸⁸, David Fitzmaurice⁸⁸, Alice Sitch⁸⁸, Peymane Adab⁸⁸, Bernard G. Francq^{89*}, Charles Boachie⁸⁹, Gaj Vidmar^{90,91,92}, Karoline Freeman^{93*}, Martin Connock⁹³, Sian Taylor-Phillips⁹³, Rachel Court⁹³, Aileen Clarke⁹³, Joris de Groot^{94*}, Christiana Naaktgeboren⁹⁴, Hans Reitsma⁹⁴, Carl Moons⁹⁴, Jessica Harris^{95*}, Andrew Mumford⁹⁶, Zoe Plummer⁹⁵, Kurtis Lee⁹⁷, Barnaby Reeves⁹⁵, Chris Rogers⁹⁵, Veerle Verheyden⁹⁸, Gianni D. Angelini⁹⁸, Gavin J. Murphy⁹⁹, Jeremy Huddy^{100*}, Melody Ni¹⁰⁰, Katherine Good¹⁰¹, Graham Cooke¹⁰², Patrick Bossuyt¹⁰³, George Hanna¹⁰⁰, Jie Ma^{104*}, Doug Altman¹⁰⁴, Gary Collins¹⁰⁴, K. G. M. (Carl) Moons^{105*}, Joris A. H. de Groot¹⁰⁵, Sue Mallett¹⁰⁶, Doug G. Altman¹⁰⁷, Johannes B. Reitsma^{105,108}, Gary S. Collins¹⁰⁷, Karel G. M. Moons^{109*}, Douglas G. Altman¹¹⁰, Johannes B. Reitsma^{109,111}, Gary S. Collins¹¹⁰, Adina Najwa Kamarudin^{112*}, Ruwanthi Kolamunnage-Dona¹¹², Trevor Cox¹¹², Melody Ni^{113*}, Jeremy Huddy¹¹³, Simone Borsci¹¹³, George Hanna¹¹³, Teresa Pérez^{114*}, M.Carmen Pardo¹¹⁵, Angel Candela-Toha¹¹⁶, Alfonso Muriel¹¹⁷, Javier Zamora^{118,119}, Sabina Sanghera^{120*}, Syed Mohiuddin¹²⁰, Richard Martin¹²¹,

Jenny Donovan¹²¹, Joanna Coast¹²⁰, Mikyung Kelly Seo^{122*}, John Cairns^{122,123}, Elizabeth Mitchell¹²⁴, Alison Smith¹²⁴, Judy Wright^{124*}, Peter Hall¹²⁶, Michael Messenger¹²⁵, Nicola Calder¹²⁷, Nyantara Wickramasekera¹²⁴, Karen Vinall-Collier¹²⁸, Andrew Lewington¹²⁵, Romin Pajouheshnia^{129*}, Johanna Damen^{129,130}, Rolf Groenwold¹²⁹, Karel Moons¹²⁹, Linda Peelen¹²⁹, Michael Messenger¹³¹, David Cairns^{132*}, Alison Smith¹³³, Michelle Hutchinson¹³⁴, Judy Wright¹³³, Peter Hall¹³⁵, Nicola Calder¹³¹, Cathie Sturgeon¹³⁶, Liz Mitchel¹³³, Rebecca Kift¹³⁷, Sofia Christakoudi^{138,144*}, Manohursingh Rungall^{138,139,140}, Paula Mobillo^{138,139}, Rosa Montero^{138,140}, Tjir-Li Tsui¹³⁹, Sui Phin Kon¹⁴¹, Beatriz Tucker¹⁴¹, Steven Sacks¹³⁸, Chris Farmer¹⁴², Terry Strom¹⁴², Paramit Chowdhury¹⁴³, Irene Rebollo-Mesa^{138,144}, Maria Hernandez-Fuentes^{138,139}, Johanna A. A. G. Damen^{145*}, Thomas P. A. Debray¹⁴⁵, Pauline Heus¹⁴⁶, Lotty Hooft¹⁴⁶, Karel G. M. Moons¹⁴⁷, Romin Pajouheshnia¹⁴⁷, Johannes B. Reitsma¹⁴⁵, Rob J. P. M. Scholten¹⁴⁶, Johanna A. A. G. Damen^{148*}, Lotty Hooft¹⁴⁹, Ewoud Schuit¹⁴⁸, Thomas P. A. Debray¹⁴⁸, Gary S. Collins¹⁵⁰, Ioanna Tzoulaki¹⁵¹, Camille M. Lassale¹⁵¹, George C. M. Siontis¹⁵², Virginia Chiocchia¹⁵⁰, Corran Roberts¹⁵⁰, Michael Maia Schlüssel¹⁵⁰, Stephen Gerry¹⁵⁰, James A. Black¹⁵³, Pauline Heus¹⁴⁹, Yvonne T. van der Schouw¹⁵⁴, Linda M. Peelen¹⁵⁴, Karel G. M. Moons¹⁵⁴, Johanna A. A. G. Damen^{155*}, Thomas P. A. Debray¹⁵⁵, Pauline Heus¹⁵⁶, Lotty Hooft¹⁵⁶, Karel G. M. Moons¹⁵⁷, Romin Pajouheshnia¹⁵⁷, Johannes B. Reitsma¹⁵⁵, Rob J. P. M. Scholten¹⁵⁶, Jie Ma^{158*}, Doug Altman¹⁵⁸, Gary Collins¹⁵⁸, Graeme Spence^{159*}, David McCartney¹⁵⁹, Ann van den Bruel¹⁵⁹, Daniel Lasserson¹⁶⁰, Gail Hayward¹⁵⁹, Werner Vach^{161*}, Antoinette de Jong¹⁶², Coreline Burggraaff^{163*}, Otto Hoekstra¹⁶², Josée Zijlstra¹⁶³, Henrica de Vet¹⁶⁴, Harriet Hunt^{165*}, Chris Hyde¹⁶⁵, Sara Graziadio^{166*}, Joy Allen¹⁶⁷, Louise Johnston¹⁶⁷, Rachel O'Leary¹⁶⁶, Michael Power¹⁶⁶, Joy Allen^{168*}, Sara Graziadio¹⁶⁹, Louise Johnson¹⁶⁸, Rachel O'Leary¹⁶⁹, Michael Power¹⁶⁹, Ray Waters¹⁶⁸, John Simpson¹⁶⁸, Louise Johnston^{170*}, Joy Allen¹⁷⁰, Sara Graziadio¹⁷¹, Rachel O'Leary¹⁷¹, Ray Waters¹⁷⁰, Michael Power¹⁷¹, Sue Mallett^{172*}, Thomas R. Fanshawe¹⁷³, Peter Phillips¹⁷⁴, Andrew Plumb¹⁷⁵, Emma Helbren¹⁷⁵, Steve Halligan¹⁷⁵, Stuart A. Taylor¹⁷⁵, Alastair Gale¹⁷⁴, Sue Mallett^{176*}, Peggy Sekula¹⁷⁷, Douglas G. Altman¹⁷⁸, Willi Sauerbrei¹⁷⁷, Sue Mallett^{179*}, Thomas R. Fanshawe¹⁸⁰, Julia R. Forman¹⁸¹, Susan J. Dutton¹⁸², Yemisi Takwoingi¹⁷⁹, Elizabeth M. Hensor¹⁸³, Thomas E. Nichols¹⁸⁴, Bethany Shinkins^{185*}, Yaling Yang¹⁸⁶, Lucy Abel¹⁸⁶, Lavinia Ferrante Di Ruffano¹⁸⁷, Thomas Fanshawe¹⁸⁶, Emmanuelle Kempf^{188,189}, Raphael Porcher¹⁹⁰, Jennifer de Beyer¹⁸⁸, Karel Moons¹⁹¹, Douglas Altman¹⁸⁸, Hans Reitsma¹⁹¹, Sally Hopewell¹⁸⁸, Willi Sauerbrei¹⁹², Gary Collins^{188*}, John Dennis^{193*}, Beverley Shields¹⁹⁴, Angus Jones¹⁹⁴, William Henley¹⁹³, Ewan Pearson¹⁹⁵, Andrew Hattersley¹⁹⁴, on behalf of the MASTERMIND consortium, Pauline Heus^{196*}, Johanna A. A. G. Damen¹⁹⁶, Romin Pajouheshnia¹⁹⁷, Rob J. P. M. Scholten¹⁹⁶, Johannes B. Reitsma¹⁹⁶, Gary S. Collins¹⁹⁸, Douglas G. Altman¹⁹⁸, Karel G. M. Moons¹⁹⁷, Lotty Hooft¹⁹⁶, Beverley Shields^{199*}, John Dennis¹⁹⁹, Angus Jones¹⁹⁹, William Henley¹⁹⁹, Ewan Pearson²⁰⁰, Andrew Hattersley¹⁹⁹, on behalf of the MASTERMIND consortium, Fueloep Scheibler^{201*}, Anne Rummer²⁰¹, Sibylle Sturtz²⁰¹, Robert Großelfinger²⁰¹, Katie Banister^{202*}, Craig Ramsay²⁰², Augusto Azuara-Blanco²⁰³, Jonathan Cook²⁰⁴, Charles Boachie²⁰⁵, Jennifer Burr²⁰⁶, Manjula Kumarasamy²⁰⁷, Rupert Bourne²⁰⁸, Ijeoma Uchegbu^{209,210*}, Simone Borsci^{209,210}, Jennifer Murphy²¹¹, George Hanna^{209,210}, Ijeoma Uchegbu^{212,213*}, Alex Carter²¹⁴, Jen Murphy²¹⁵, Melody Ni^{212,213}, Joachim Marti²¹⁴, Julie Eatock²¹⁶, Ijeoma Uchegbu^{217,218*}, Julie Robotham^{217,219}, Maria Dudareva²²⁰, Mark Gilchrist²²⁰, Alison Holmes^{217,220}, Ijeoma Uchegbu^{221,222*}, Simone Borsci^{221,222}, Phillip Monaghan^{223*}, Sarah Lord^{224,225}, Andrew StJohn²²⁶, Sverre Sandberg^{227,228,229}, Christa Cobbaert²³⁰, Lieselotte Lennartz²³¹, Wilma Verhagen-Kamerbeek²³², Christoph Ebert²³³, Patrick Bossuyt²³⁴, Andrea Horvath^{235,236}, for the Test Evaluation Working Group of the European Federation of Clinical Chemistry and Laboratory Medicine, Kevin Jenniskens^{237*}, Christiana Naaktgeboren²³⁷, Johannes Reitsma²³⁷, Karel Moons²³⁷, Joris de Groot²³⁷, Chris Hyde^{238*}, Jaime Peters²³⁸, Bogdan Grigore²³⁹, Jaime Peters^{239*}, Chris Hyde²³⁹, Chris Hyde^{240*}, Obi Ukoumunne²⁴¹, Jaime Peters²⁴⁰, Zhivko Zhelev²⁴⁰, Brooke Levis^{242,243*}, Andrea Benedetti^{243,244,245}, Alexander W. Levis^{242,243}, John P. A. Ioannidis²⁴⁶, Ian Shrier^{242,243}, Pim Cuijpers²⁴⁷, Simon Gilbody²⁴⁸, Lorie A. Kloda²⁴⁹, Dean McMillan²⁴⁸, Scott B Patten²⁵⁰, Russell J. Steele^{242,251}, Roy C Ziegelstein²⁵², Charles H. Bombardier²⁵³, Flavia de Lima Osório²⁵⁴, Jesse R. Fann²⁵⁵, Dwenda Gjerdingen²⁵⁶, Femke Lamers²⁵⁷, Manote Lotrakul²⁵⁸, Sonia R Loureiro²⁵⁴, Bernd Löwe²⁵⁹,

Juwita Shaaban²⁶⁰, Lesley Stafford²⁶¹, Henk C. P. M. van Weert²⁶², Mary A. Whooley²⁶³, Linda S. Williams²⁶⁴, Karin A. Wittkamp²⁶⁵, Albert S. Yeung²⁶⁶, Brett D. Thombs^{242,243,244,267}, Jaime Peters^{268*}, Chris Cooper²⁶⁹, James Buchanan²⁷⁰, Tom Nieto^{271*}, Claire Smith²⁷², Olga Tucker²⁷³, Janine Dretzke²⁷⁴, Andrew Beggs²⁷¹, Nirmala Rai^{275*}, Clare Davenport²⁷⁵, Sue Bayliss²⁷⁵, Simon Stevens²⁷⁶, Kym Snell²⁷⁷, Sue Mallet²⁷⁵, Jon Deeks²⁷⁵, Sudha Sundar²⁷⁶, Emma Hall²⁷⁸, Nuria Porta²⁷⁸, David Lorente Estelles²⁷⁸, Johann de Bono²⁷⁸ and on behalf of the CTC-STOP protocol development group

Erratum

The original MEMTAB Abstracts in Diagnostic and Prognostic Research contains the incorrect year on individual abstracts in the PDF [1].

“Diagnostic and Prognostic Research 2016” under the correspondence line should therefore have been written as “Diagnostic and Prognostic Research 2017” as the journal did not launch until 2017.

Author details

¹Department of Clinical Epidemiology, Biostatistics & Bioinformatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ²Cochrane Netherlands, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, Netherlands. ³Cochrane Dementia and Cognitive Improvement Group, University of Oxford, Oxford, UK. ⁴EPPI-Centre, Department of Social Science, University College London, London, UK. ⁵Division of Health and Social Care Research, King's College London, London, UK. ⁶College of Computer and Information Science, Northeastern University, Boston, USA. ⁷University Hospitals Bristol NHS Foundation Trust, School of Social and Community Medicine, Bristol, UK. ⁸Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁹Department of Clinical Epidemiology, Biostatistics & Bioinformatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ¹⁰School of Social and Community Medicine, University of Bristol, Bristol, UK. ¹¹Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹²Kleijnen Systematic Reviews Ltd, York, UK. ¹³University Hospitals Bristol NHS Foundation Trust, School of Social and Community Medicine, Bristol, UK. ¹⁴Research Institute for Primary Care and Health Sciences, Keele University, Keele, UK. ¹⁵Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁶Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁷Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁸Department of Medical Statistics, University Medical Center Göttingen, Göttingen, Germany. ¹⁹Institute for Biometry and Epidemiology, German Diabetes Center, Leibniz Institute for Diabetes Research at Heinrich Heine University, Düsseldorf, Germany. ²⁰Research Institute for Primary Care and Health Sciences, Keele University, Keele, UK. ²¹Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ²²Manchester Pharmacy School, University of Manchester, Manchester, UK. ²³Institute for Medical Biometry and Statistics, Faculty of Medicine and Medical Center – University of Freiburg, Stefan-Meier-Str. 26, 79104 Freiburg, Germany. ²⁴Institute of Medical Statistics, Informatics and Epidemiology, University of Cologne, Kerpener Str. 62, 50937 Cologne, Germany. ²⁵Research Institute for Primary Care and Health Sciences, Keele University, Keele, UK. ²⁶Keele University, Keele, UK. ²⁷Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ²⁸University of Utrecht, Utrecht, Netherlands. ²⁹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ³⁰Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ³¹Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ³²Division of Health Sciences, Warwick Medical School, The University of Warwick, Coventry, UK. ³³Exeter Test Group, University of Exeter Medical School, Exeter, UK. ³⁴Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ³⁵Centre for Medical Imaging, University College London, London, UK. ³⁶Division of Health Sciences, Warwick Medical School, The University of Warwick, Coventry, UK. ³⁷Institute of Applied Health

Research, University of Birmingham, Birmingham, UK. ³⁸University of Warwick, Coventry, UK. ³⁹National Institute for Health and Care Excellence, Diagnostic Assessment Programme, Manchester, UK. ⁴⁰Exeter Test Group, University of Exeter Medical School, Exeter, UK. ⁴¹Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁴²Nuffield Department of Primary Health Care Sciences, University of Oxford, Oxford, UK. ⁴³Academic Unit of Health Economics, Leeds Institute of Health Sciences, University of Leeds, Leeds, UK. ⁴⁴KU Leuven Department of Electrical Engineering (ESAT), STADIUS Center for Dynamical Systems, Signal Processing and Data Analytics, Leuven, Belgium. ⁴⁵KU Leuven iMinds Department Medical Information Technologies, Leuven, Belgium. ⁴⁶University of Oxford, Nuffield Department of Primary Care Health Sciences, Oxford, UK. ⁴⁷KU Leuven Department of Development and Regeneration, Leuven, Belgium. ⁴⁸Department of Public Health, Erasmus MC, Rotterdam, Netherlands. ⁴⁹Department of Clinical Epidemiology, Biostatistics & Bioinformatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ⁵⁰Nuffield Department of Primary Care Health Sciences, University of Oxford, Oxford, UK. ⁵¹Department of Health Economics, University of Birmingham, Birmingham, UK. ⁵²Department of Breast Surgery, Nuffield House, University Hospital Birmingham, Birmingham, UK. ⁵³Melbourne School of Population and Global Health, University of Melbourne, Parkville, Australia. ⁵⁴Department of Breast Surgery, Royal Women's Hospital, Melbourne, Australia. ⁵⁵Cancer Research UK Clinical Trials Unit (CRCTU), Institute of Cancer and Genomic Sciences, University of Birmingham, Birmingham, UK. ⁵⁶Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁵⁷Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁵⁸Department of Nuclear Medicine, Odense University Hospital, Odense, Denmark. ⁵⁹Epidemiology, Biostatistics and Biomedicine, University of Southern Denmark, Odense, Denmark. ⁶⁰Department of Nuclear Medicine, Odense University Hospital & Department of Clinical Research, University of Southern Denmark, Odense, Denmark. ⁶¹Robertson Centre for Biostatistics, University of Glasgow, Glasgow, UK. ⁶²Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁶³University of Southampton, Southampton, UK. ⁶⁴University of Leeds, Leeds, UK. ⁶⁵Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ⁶⁶University College London, London, UK. ⁶⁷Bordeaux University Hospital, Public Health Department, Clinical Epidemiology Unit and CIC 1401 EC, Bordeaux, France. ⁶⁸French National Reference Center for Campylobacter and Helicobacter, Bordeaux, France. ⁶⁹INSERM U1219, Bordeaux Population Health Research Center, Bordeaux, France; Univ. Bordeaux, ISPED, Bordeaux, France. ⁷⁰Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ⁷¹CTU Bern, Department of Clinical Research, University of Bern, Bern, Switzerland. ⁷²Institute of Social and Preventive Medicine, University of Bern, Bern, Switzerland. ⁷³Department of Clinical Epidemiology and Biostatistics, Academic Medical Center, University of Amsterdam, Amsterdam, Netherlands. ⁷⁴Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ⁷⁵Departments of Anesthesia & Clinical Epidemiology and Biostatistics, Michael DeGroote School of Medicine, Faculty of Health Sciences, McMaster University and the Perioperative Research Group, Population Health Research Institute, Hamilton, Canada. ⁷⁶KU Leuven Department of Electrical Engineering (ESAT), STADIUS Center for Dynamical Systems, Signal Processing and Data Analytics, Leuven, Belgium. ⁷⁷KU Leuven iMinds Department Medical Information Technologies, Leuven, Belgium. ⁷⁸Center for Medical Decision Sciences, Department of Public Health, Erasmus MC, Rotterdam, The Netherlands. ⁷⁹KU Leuven Department of Development and Regeneration, Leuven, Belgium. ⁸⁰Department of Public Health, Erasmus MC, Rotterdam, Netherlands. ⁸¹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ⁸²Cochrane Netherlands, University

Medical Center Utrecht, Utrecht, The Netherlands. ⁸³KU Leuven, Department of Development and Regeneration, Leuven, Belgium. ⁸⁴Department of Public Health, Erasmus MC, Rotterdam, Netherlands. ⁸⁵Duke Clinical Research Institute, Duke University, Durham (NC), USA; Department of Biostatistics and Bioinformatics, Duke University, Durham, NC, USA. ⁸⁶Division of Health Sciences, Warwick Medical School, University of Warwick, Coventry, UK. ⁸⁷Midlands and North West Bowel Cancer Screening Hub, Hospital of St Cross, University Hospitals Coventry and Warwickshire NHS Trust, Rugby, UK. ⁸⁸Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ⁸⁹Robertson Centre for Biostatistics, University of Glasgow, Glasgow, UK. ⁹⁰University Rehabilitation Institute, Ljubljana, Slovenia. ⁹¹Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia. ⁹²University of Primorska, Koper, Slovenia. ⁹³Division of Health Sciences, Warwick Medical School, The University of Warwick, Coventry, UK. ⁹⁴Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ⁹⁵Clinical Trials and Evaluation Unit, University of Bristol, Bristol, UK. ⁹⁶School of Cellular and Molecular Medicine, University of Bristol, Bristol, UK. ⁹⁷University Hospitals Bristol NHS Foundation Trust, Bristol, UK. ⁹⁸School of Clinical Sciences, University of Bristol, Bristol, UK. ⁹⁹Department of Clinical Sciences, University of Leicester, Leicester, UK. ¹⁰⁰NIHR-Diagnostic Evidence Cooperative, Imperial College London, London, UK. ¹⁰¹Department of Anaesthetics, Imperial College Healthcare NHS Trust, London, UK. ¹⁰²Division of Infectious Diseases, Imperial College, London, UK. ¹⁰³Department of Clinical Epidemiology, Biostatistics & Bioinformatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ¹⁰⁴Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁰⁵Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ¹⁰⁶Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹⁰⁷Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁰⁸Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁰⁹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ¹¹⁰Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹¹¹Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹¹²Department of Biostatistics, University of Liverpool, Liverpool, UK. ¹¹³NIHR-Diagnostic Evidence Cooperative, Imperial College London, London, UK. ¹¹⁴Department of Statistics and OR III, Complutense University of Madrid, Madrid, Spain. ¹¹⁵Department of Statistics and OR I, Complutense University of Madrid, Madrid, Spain. ¹¹⁶Department of Anesthesia and Reanimation, Ramón y Cajal Hospital (IRYCIS), Madrid, Spain. ¹¹⁷Department of Clinical Biostatistics, Ramón y Cajal Hospital (IRYCIS), Madrid, Spain. ¹¹⁸Department of Clinical Biostatistics, Ramón y Cajal Hospital (IRYCIS), Madrid, Spain. ¹¹⁹Barts and The London School of Medicine and Dentistry, Queen Mary University, London, UK. ¹²⁰Health Economics at Bristol (HEB), School of Social and Community Medicine, University of Bristol, Bristol, UK. ¹²¹School of Social and Community Medicine, University of Bristol, Bristol, UK. ¹²²London School of Hygiene and Tropical Medicine, London, UK. ¹²³University of Bergen, Bergen, Norway. ¹²⁴Leeds Institute of Health Sciences, University of Leeds, Leeds, UK. ¹²⁵NIHR Diagnostic Evidence Co-Operative Leeds, Leeds Institute of Health Sciences, University of Leeds, Leeds, UK. ¹²⁶The Institute of Genetics and Molecular Medicine, Edinburgh Cancer Research Centre, University of Edinburgh, Edinburgh, UK. ¹²⁷Leeds Teaching Hospitals NHS Trust, St James's University Hospital, Leeds, UK. ¹²⁸School of Dentistry, University of Leeds, Leeds, UK. ¹²⁹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ¹³⁰Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹³¹NIHR Diagnostic Evidence Co-Operative Leeds, Leeds Teaching Hospitals NHS Trust, St James's University Hospital, Leeds, UK. ¹³²Leeds Institute of Clinical Trials Research, University of Leeds, Leeds, UK. ¹³³Leeds Institute of Health Sciences, University of Leeds, Leeds, UK. ¹³⁴Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK. ¹³⁵The Institute of Genetics and Molecular Medicine, Edinburgh Cancer Research Centre, University of Edinburgh, Edinburgh, UK. ¹³⁶UK NEQAS [Edinburgh]. Department of Laboratory Medicine, Royal Infirmary, Edinburgh, UK. ¹³⁷Department of Blood Sciences, Old Medical School, Leeds General Infirmary, Great George Street, Leeds, UK. ¹³⁸MRC Centre for Transplantation, DTIMB, King's College London, London, UK. ¹³⁹NIHR Comprehensive Biomedical Research Centre at Guy's and St Thomas' NHS Foundation Trust in partnership with King's College London and King's College Hospital, London, UK. ¹⁴⁰Guy's and St Thomas' NHS Foundation Trust, London, UK. ¹⁴¹King's College Hospital NHS Foundation Trust, London, UK. ¹⁴²East Kent Hospitals University NHS Foundation Trust, Canterbury, UK. ¹⁴³Department of Medicine, Transplant Institute, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA. ¹⁴⁴Department of Biostatistics, Institute of Psychiatry, Psychology and Neuroscience, King's College London, London, UK. ¹⁴⁵Julius Center for Health Sciences and Primary Care, and Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁴⁶Cochrane Netherlands, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁴⁷Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ¹⁴⁸Julius Center for Health Sciences and Primary Care, and Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁴⁹Cochrane Netherlands, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁵⁰Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁵¹Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, London, UK. ¹⁵²Department of Cardiology, Bern University Hospital, 3010 Bern, Switzerland. ¹⁵³MRC Epidemiology Unit, University of Cambridge School of Clinical Medicine, Cambridge, UK. ¹⁵⁴Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, Netherlands. ¹⁵⁵Julius Center for Health Sciences and Primary Care, and Cochrane Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁵⁶Cochrane Netherlands, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands. ¹⁵⁷Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ¹⁵⁸Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁵⁹Nuffield Department of Primary Care Health Sciences, University of Oxford, Oxford, UK. ¹⁶⁰Nuffield Department of Medicine, University of Oxford, Oxford, UK. ¹⁶¹Institute for Medical Biometry and Statistics, Medical Faculty and Medical Center, University of Freiburg, Freiburg im Breisgau, Germany. ¹⁶²Department of Radiology and Nuclear Medicine, University Medical Center, Utrecht, The Netherlands. ¹⁶³Department of Hematology, VU University Medical Center, Amsterdam, The Netherlands. ¹⁶⁴Department of epidemiology and biostatistics, VU University Medical Center, Amsterdam, The Netherlands. ¹⁶⁵Exeter Test Group, University of Exeter Medical School, Exeter, UK. ¹⁶⁶NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK. ¹⁶⁷NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle University, Newcastle upon Tyne, UK. ¹⁶⁸NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle University, Newcastle upon Tyne, UK. ¹⁶⁹NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK. ¹⁷⁰NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle University, Newcastle upon Tyne, UK. ¹⁷¹NIHR Diagnostic Evidence Co-operative Newcastle, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK. ¹⁷²Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹⁷³Nuffield Department of Primary Health Care Sciences, University of Oxford, Oxford, UK. ¹⁷⁴Applied Vision Research Centre, Loughborough University, Loughborough, UK. ¹⁷⁵Centre for Medical Imaging, University College London, London, UK. ¹⁷⁶Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹⁷⁷Institute for Medical Biometry and Statistics, Faculty of Medicine and Medical Center – University of Freiburg, Freiburg im Breisgau, Germany. ¹⁷⁸Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁷⁹Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹⁸⁰Nuffield Department of Primary Health Care Sciences, University of Oxford, Oxford, UK. ¹⁸¹Cambridge Clinical Trials Unit, Cambridge University Hospitals, Cambridge, UK. ¹⁸²Centre for Statistics in Medicine & Oxford Clinical Trials Research Unit, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁸³NIHR Leeds Musculoskeletal Biomedical Research Unit & Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds, Leeds, UK. ¹⁸⁴Department of Statistics & Warwick Manufacturing Group, University of Warwick, Warwick, UK. ¹⁸⁵Academic Unit of Health Economics, Leeds Institute of Health Sciences, University of Leeds, Leeds, UK.

- ¹⁸⁶Nuffield Department of Primary Health Care Sciences, University of Oxford, Oxford, UK. ¹⁸⁷Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ¹⁸⁸Centre for Statistics in Medicine, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ¹⁸⁹Department of Medical Oncology, Henri Mondor & Albert Chenevier Teaching Hospital, APHP, Créteil, France. ¹⁹⁰Department of Epidemiology, Hôtel Dieu Teaching Hospital, APHP, Paris, France. ¹⁹¹Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ¹⁹²Center for Medical Biometry and Medical Informatics, University of Freiburg, Freiburg, Germany. ¹⁹³Health Statistics Group, University of Exeter Medical School, Exeter, UK. ¹⁹⁴University of Exeter Medical School, Exeter, UK. ¹⁹⁵University of Dundee, Dundee, UK. ¹⁹⁶Cochrane Netherlands, Julius Center for Health Sciences and Primary Care, University Medical Center, Utrecht, The Netherlands. ¹⁹⁷Julius Center for Health Sciences and Primary Care, University Medical Center, Utrecht, The Netherlands. ¹⁹⁸Centre for Statistics in Medicine, NDORMS, Botnar Research Centre, University of Oxford, Oxford, UK. ¹⁹⁹University of Exeter, Exeter, UK. ²⁰⁰University of Dundee, Dundee, UK. ²⁰¹Institute of Quality and Efficiency in Health Care, Cologne, Germany. ²⁰²Health Services Research Unit, University of Aberdeen, Aberdeen, UK. ²⁰³Centre for Experimental Medicine, Queen's University Belfast, Belfast, UK. ²⁰⁴Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK. ²⁰⁵Robertson Centre for Biostatistics, University of Glasgow, Glasgow, UK. ²⁰⁶School of Medicine, University of St Andrews, St Andrews, UK. ²⁰⁷Department of Ophthalmology, NHS Grampian, Aberdeen, UK. ²⁰⁸Vision & Eye Research Unit, Anglia Ruskin University, Cambridge, UK. ²⁰⁹The National Institute for Health Research (NIHR) Diagnostic Evidence Co-operative (DEC) London, London, UK. ²¹⁰Surgery & Cancer, Imperial College Healthcare NHS Trust, London, UK. ²¹¹Imperial Clinical Trials Unit (ICTU), School of Public Health, Imperial College London, London, UK. ²¹²The National Institute for Health Research (NIHR) Diagnostic Evidence Co-operative (DEC), London, UK. ²¹³Surgery & Cancer, Imperial College Healthcare NHS Trust, London, UK. ²¹⁴Institute of Global Health Innovation (IGHI), Imperial College London, London, UK. ²¹⁵Imperial Clinical Trials Unit (ICTU), School of Public Health, Imperial College London, London, UK. ²¹⁶Department of Computer Science, Brunel University London, London, UK. ²¹⁷The National Institute for Health Research (NIHR) Health Protection Research Unit in Healthcare Associated Infections and antimicrobial resistance at Imperial College, London, UK. ²¹⁸The National Institute for Health Research (NIHR) Diagnostic Evidence Co-operative (DEC) London, London, UK. ²¹⁹Public Health England, England, UK. ²²⁰Imperial College Healthcare NHS Trust, London, UK. ²²¹The National Institute for Health Research (NIHR) Diagnostic Evidence Co-operative (DEC) London, London, UK. ²²²Surgery & Cancer, Imperial College Healthcare NHS Trust, London, UK. ²²³Department of Clinical Biochemistry, The Christie Pathology Partnership, The Christie NHS Foundation Trust, Manchester, UK. ²²⁴School of Medicine, University of Notre Dame, Notre Dame, Australia. ²²⁵National Health and Medical Research Council (NHMRC) Clinical Trials Centre, University of Sydney, Camperdown, Australia. ²²⁶ARC Consulting, Perth, Australia. ²²⁷The Norwegian Quality Improvement of Primary Care Laboratories (NOKLUS), Haraldsplass Deaconess Hospital, Bergen, Norway. ²²⁸Department of Public Health and Primary Health Care, University of Bergen, Bergen, Norway. ²²⁹Laboratory of Clinical Biochemistry, Haukeland University Hospital, Bergen, Norway. ²³⁰Department of Clinical Chemistry and Laboratory Medicine, Leiden University Medical Center, Leiden, The Netherlands. ²³¹Abbott Diagnostics, Wiesbaden, Germany. ²³²Medical and Scientific Affairs, Roche Diagnostics International Ltd, Rotkreuz, Switzerland. ²³³Medical and Scientific Affairs, Roche Diagnostics GmbH, Penzberg, Germany. ²³⁴Department of Clinical Epidemiology, Biostatistics & Bioinformatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ²³⁵SEALS Department of Clinical Chemistry and Endocrinology, Prince of Wales Hospital and School of Medical Sciences, University of New South Wales, Sydney, Australia. ²³⁶Screening and Test Evaluation Program, School of Public Health, University of Sydney, Camperdown, Australia. ²³⁷Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, 3584 CG Utrecht, Netherlands. ²³⁸Exeter Test Group, University of Exeter Medical School, Exeter, UK. ²³⁹Exeter Test Group, University of Exeter Medical School, Exeter, UK. ²⁴⁰Exeter Test Group, University of Exeter Medical School, Exeter, UK. ²⁴¹Statistics Group, NIHR CLAHRC South West Peninsula (PenCLAHRC), University of Exeter Medical School, Exeter, UK. ²⁴²Lady Davis Institute for Medical Research, Jewish General Hospital, Montréal, Québec, Canada. ²⁴³Department of Epidemiology, Biostatistics and Occupational Health, McGill University, Montréal, Québec, Canada. ²⁴⁴Department of Medicine, McGill University, Montréal, Québec, Canada. ²⁴⁵Respiratory Epidemiology and Clinical Research Unit, McGill University Health Centre, Montréal, Québec, Canada. ²⁴⁶Department of Medicine, Department of Health Research and Policy, Department of Statistics, Stanford University, Stanford, California, USA. ²⁴⁷Department of Clinical, Neuro and Developmental Psychology, Vrije Universiteit (VU) University, Amsterdam, The Netherlands. ²⁴⁸Hull York Medical School and the Department of Health Sciences, University of York, Heslington, York, UK. ²⁴⁹Libraries, Concordia University, Montréal, Québec, Canada. ²⁵⁰Departments of Community Health Sciences and Psychiatry, University of Calgary, Calgary, Alberta, Canada. ²⁵¹Department of Mathematics and Statistics, McGill University, Montréal, Québec, Canada. ²⁵²Department of Medicine, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA. ²⁵³Department of Rehabilitation Medicine, University of Washington, Seattle, Washington, USA. ²⁵⁴Department of Neuroscience and Behavior, Faculty of Medicine of Ribeirão Preto, University of São Paulo, Ribeirão Preto, Brazil. ²⁵⁵Department of Psychiatry and Behavioral Sciences, University of Washington, Seattle, Washington, USA. ²⁵⁶Department of Family Medicine and Community Health, University of Minnesota, Minneapolis, Minnesota, USA. ²⁵⁷Department of Psychiatry, EMGO Institute, VU University Medical Center, Amsterdam, The Netherlands. ²⁵⁸Department of Psychiatry, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand. ²⁵⁹Department of Psychosomatic Medicine and Psychotherapy, University Medical Center Hamburg-Eppendorf and Schön Klinik Hamburg Eilbek, Hamburg, Germany. ²⁶⁰Department of Family Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kelantan, Malaysia. ²⁶¹Centre for Women's Mental Health, Royal Women's Hospital, Parkville, Victoria, Australia. ²⁶²Department of General Practice, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ²⁶³Department of Veterans Affairs Medical Center, San Francisco, California, USA. ²⁶⁴Richard L Roudebush Veteran Affairs Medical Center, Health Services Research and Development, Indiana University School of Medicine, Indianapolis, Indiana, USA. ²⁶⁵Department of Psychiatry and Department of General Practice, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands. ²⁶⁶Depression Clinical and Research Program, Massachusetts General Hospital, Boston, Massachusetts, USA. ²⁶⁷Departments of Psychiatry, Educational and Counselling Psychology, and Psychology, and School of Nursing, McGill University, Montréal, Québec, Canada. ²⁶⁸Exeter Test Group, University of Exeter Medical School, Exeter, UK. ²⁶⁹PenTAG, University of Exeter Medical School, Exeter, UK. ²⁷⁰Health Economics Research Centre, University of Oxford, Oxford, UK. ²⁷¹Department of Surgery, University of Birmingham, Birmingham, UK. ²⁷²Birmingham Clinical Trials Unit, Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ²⁷³Department of Surgery, Heart of England Foundation Trust, Birmingham, UK. ²⁷⁴Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ²⁷⁵Institute of Applied Health Research, University of Birmingham, Birmingham, UK. ²⁷⁶University of Birmingham, Birmingham, UK. ²⁷⁷Keele University, Keele, UK. ²⁷⁸The Institute of Cancer Research, London, UK.

Received: 3 March 2017 Accepted: 10 March 2017
Published online: 30 March 2017

Reference

1. Methods for Evaluating Medical Tests and Biomarkers. *Diagn Prognostic Res.* 2017, 1(Suppl 1):7. doi: 10.1186/s41512-016-0001-y